

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
 Data File : BG049862.D
 Acq On : 16 Aug 2021 23:13
 Operator : CG/JU
 Sample : M3404-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP2-1-6FT

Manual Integrations
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Quant Time: Aug 17 04:43:34 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:23:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	34611	20.000	ng	0.00
21) Naphthalene-d8	10.854	136	141521	20.000	ng	# 0.00
39) Acenaphthene-d10	14.678	164	92552	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	178967	20.000	ng	# 0.00
76) Chrysene-d12	21.716	240	157038	20.000	ng	0.00
86) Perylene-d12	24.994	264	168375	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.584	112	271542	140.640	ng	0.00
7) Phenol-d6	7.200	99	369233	126.334	ng	0.00
23) Nitrobenzene-d5	9.203	82	272061	85.069	ng	0.00
42) 2,4,6-Tribromophenol	16.176	330	174969	128.617	ng	0.00
45) 2-Fluorobiphenyl	13.303	172	560197	88.073	ng	0.00
79) Terphenyl-d14	20.047	244	726591	84.033	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.480	178	36753	3.903	ng	96
75) Fluoranthene	19.489	202	118687	10.244	ng	98
78) Pyrene	19.853	202	109374	10.216	ng	99
81) Benzo(a)anthracene	21.698	228	60040	5.871	ng	96
83) Chrysene	21.763	228	60085m	6.146	ng	
87) Indeno(1,2,3-cd)pyrene	28.735	276	47432m	3.906	ng	
88) Benzo(b)fluoranthene	23.948	252	86665	7.848	ng	# 87
89) Benzo(k)fluoranthene	24.007	252	27359m	2.656	ng	
90) Benzo(a)pyrene	24.829	252	59462	5.950	ng	# 99
92) Benzo(g,h,i)perylene	29.899	276	46519	4.640	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

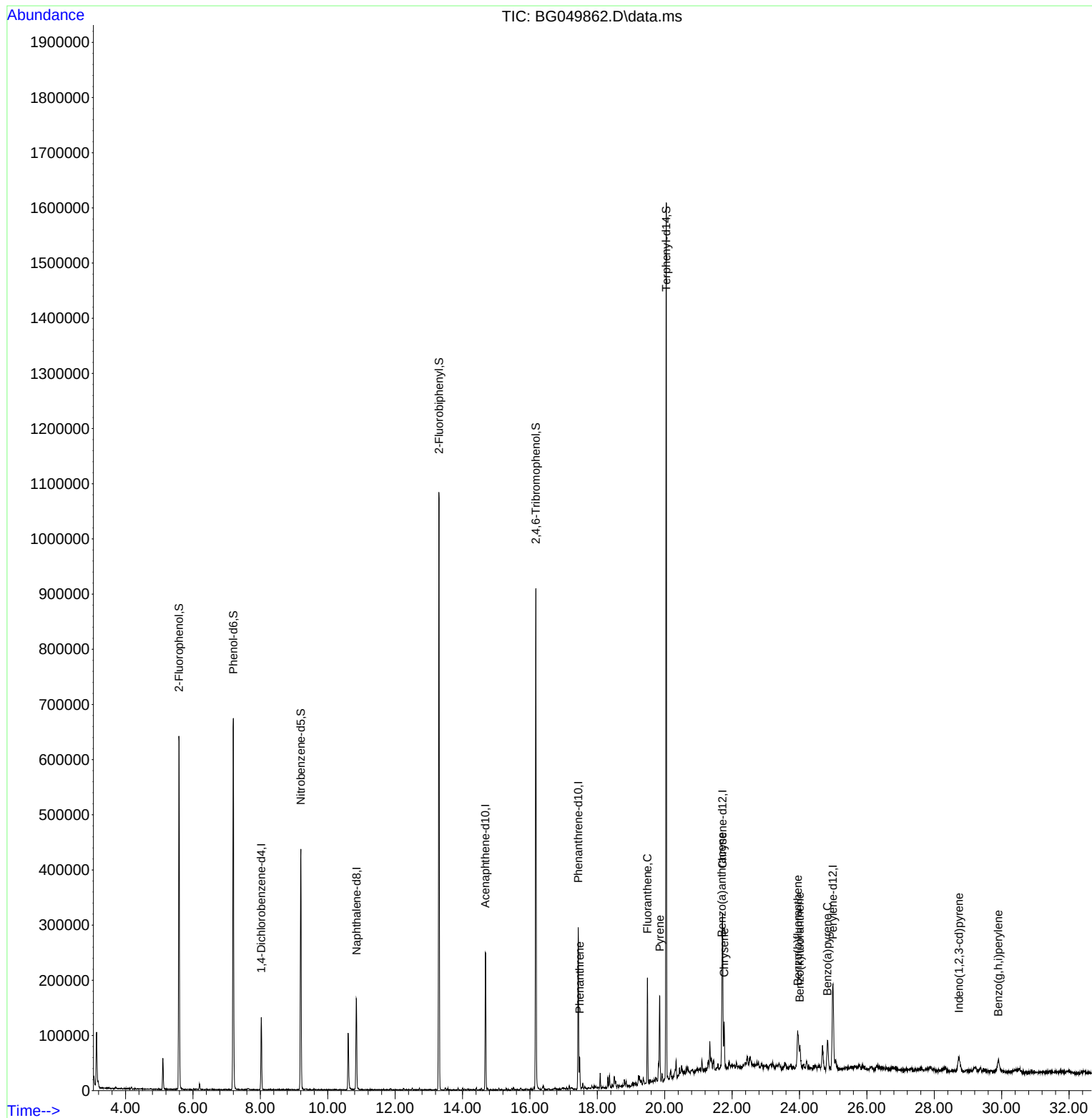
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Data File : BG049862.D
Acq On : 16 Aug 2021 23:13
Operator : CG/JU
Sample : M3404-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

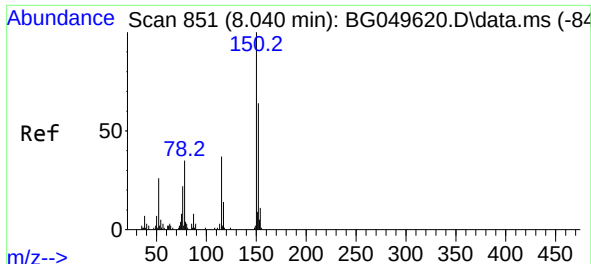
Instrument :
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ClientSampleId :
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Response via : Initial Calibration





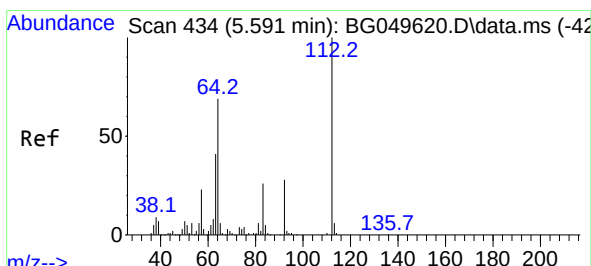
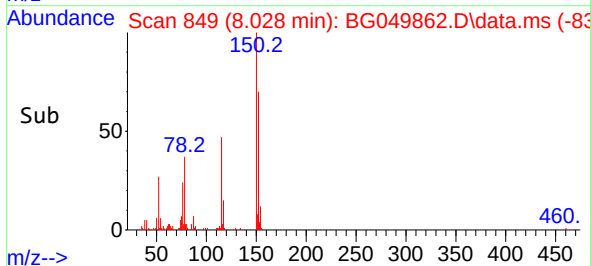
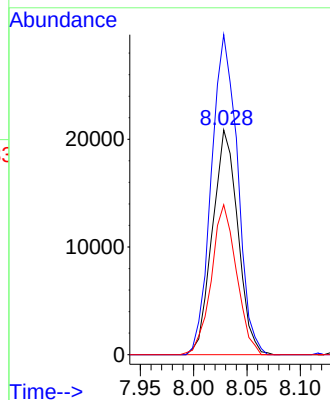
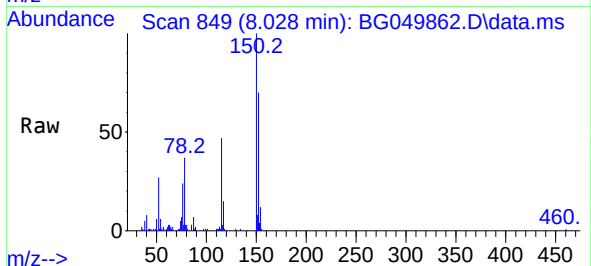
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.028 min Scan# 849
Delta R.T. 0.000 min
Lab File: BG049862.D
Acq: 16 Aug 2021 23:13

Tgt Ion:152 Resp: 34611
Ion Ratio Lower Upper
152 100
150 142.3 119.4 179.0
115 66.6 60.2 90.4

Instrument :
BNA_G
ClientSampleId :
TP2-1-6FT

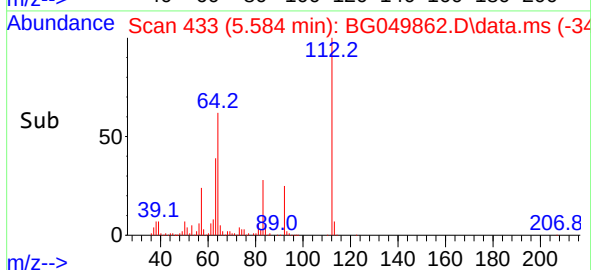
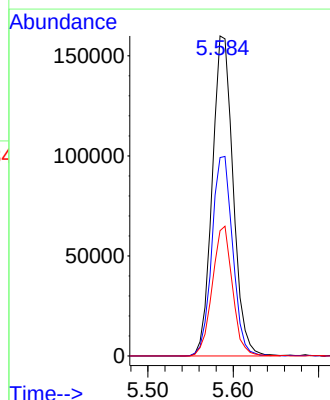
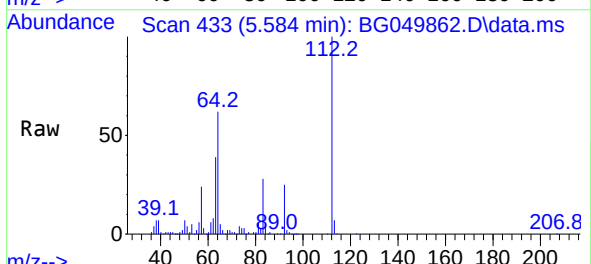
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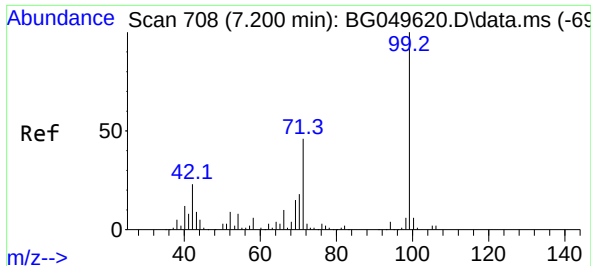
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#5
2-Fluorophenol
Concen: 140.640 ng
RT: 5.584 min Scan# 433
Delta R.T. 0.006 min
Lab File: BG049862.D
Acq: 16 Aug 2021 23:13

Tgt Ion:112 Resp: 271542
Ion Ratio Lower Upper
112 100
64 62.0 46.7 70.1
63 39.2 35.3 52.9





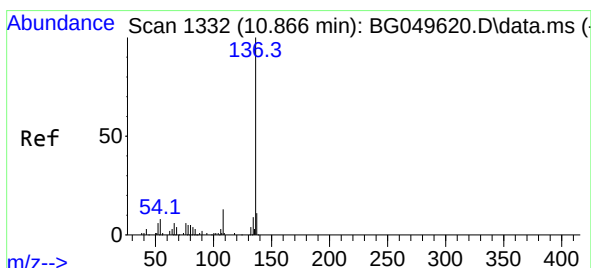
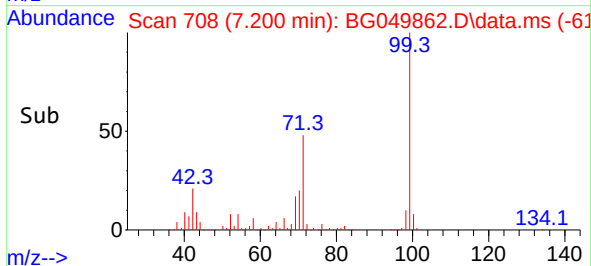
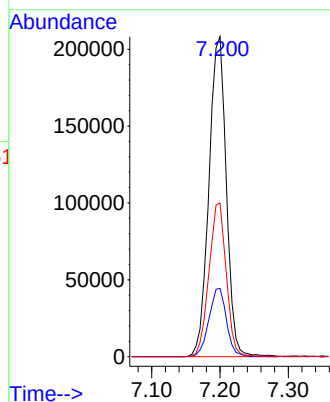
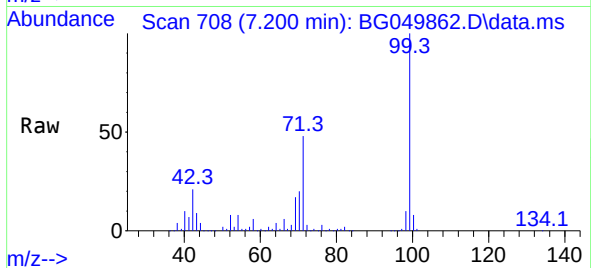
#7
Phenol-d6
Concen: 126.334 ng
RT: 7.200 min Scan# 708
Delta R.T. 0.006 min
Lab File: BG049862.D
Acq: 16 Aug 2021 23:13

Tgt Ion: 99 Resp: 369233
Ion Ratio Lower Upper
99 100
42 21.4 20.5 30.7
71 48.0 41.5 62.3

Instrument :
BNA_G
ClientSampled :
TP2-1-6FT

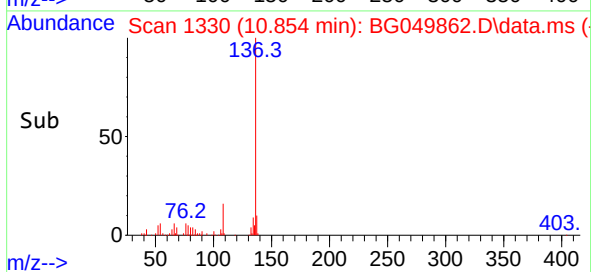
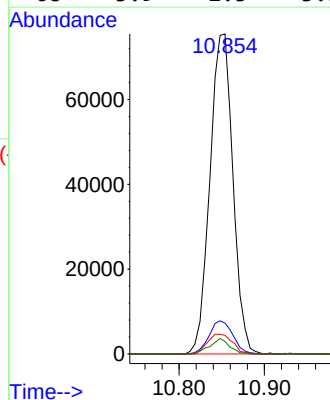
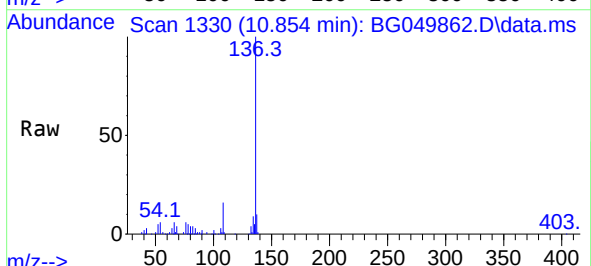
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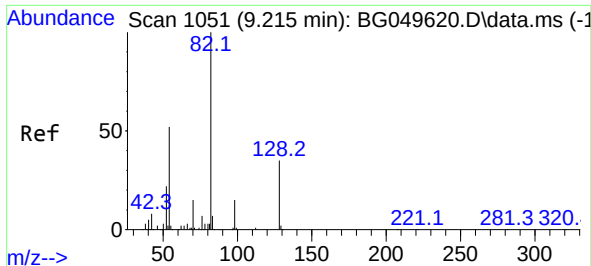
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.854 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BG049862.D
Acq: 16 Aug 2021 23:13

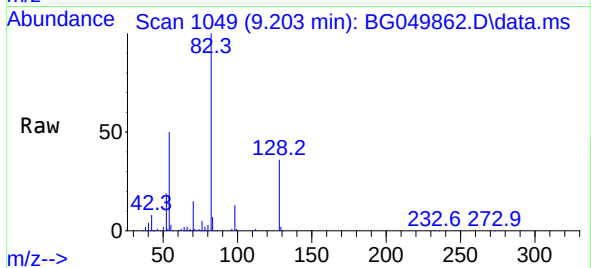
Tgt Ion: 136 Resp: 141521
Ion Ratio Lower Upper
136 100
137 9.6 8.2 12.2
54 5.9 5.5 8.3
68 3.9 2.3 3.5#





#23
Nitrobenzene-d5
Concen: 85.069 ng
RT: 9.203 min Scan# 1049
Delta R.T. 0.006 min
Lab File: BG049862.D
Acq: 16 Aug 2021 23:13

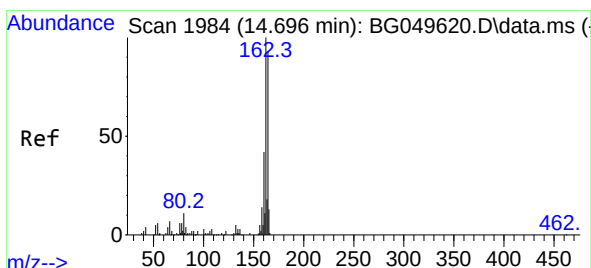
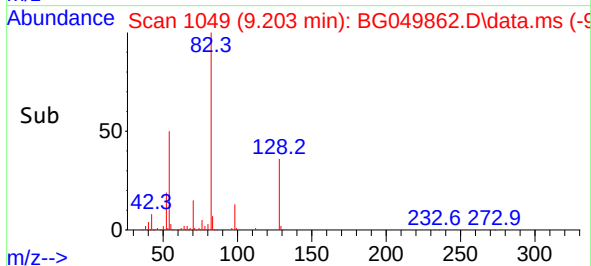
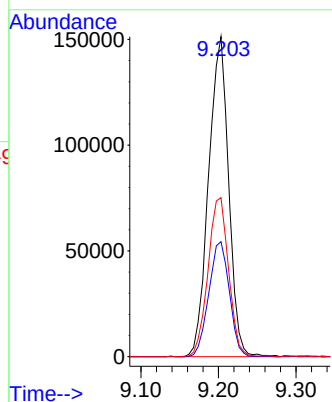
Instrument :
BNA_G
ClientSampled :
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Tgt Ion: 82 Resp: 272061
Ion Ratio Lower Upper
82 100
128 36.0 29.8 44.6
54 49.7 45.8 68.8

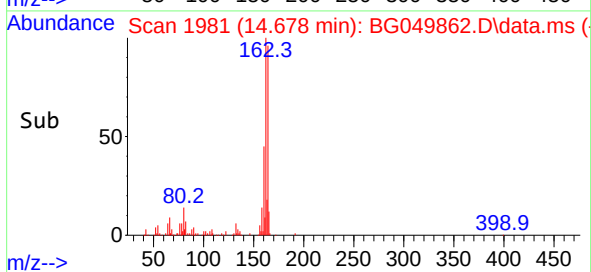
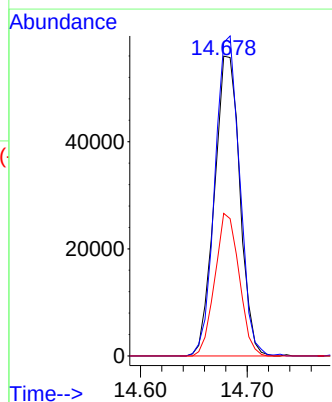
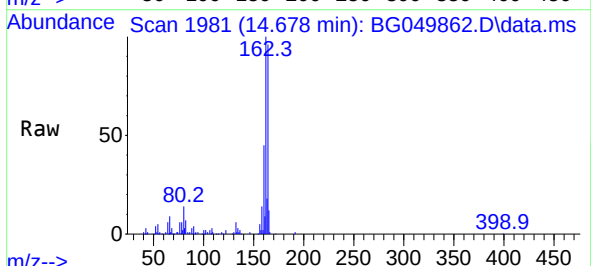
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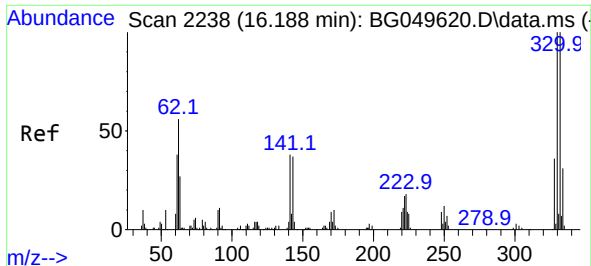
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.678 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BG049862.D
Acq: 16 Aug 2021 23:13

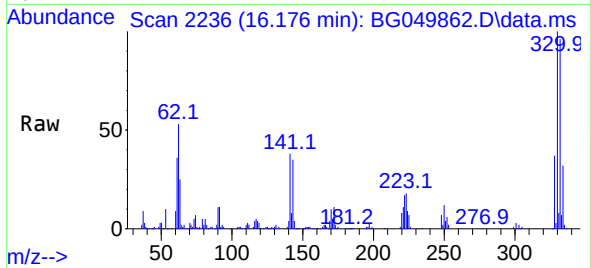
Tgt Ion: 164 Resp: 92552
Ion Ratio Lower Upper
164 100
162 104.5 81.4 122.0
160 47.6 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 128.617 ng
RT: 16.176 min Scan# 2236
Delta R.T. 0.000 min
Lab File: BG049862.D
Acq: 16 Aug 2021 23:13

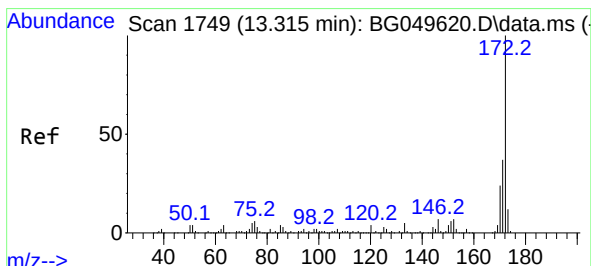
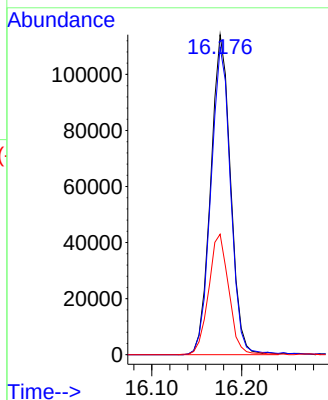
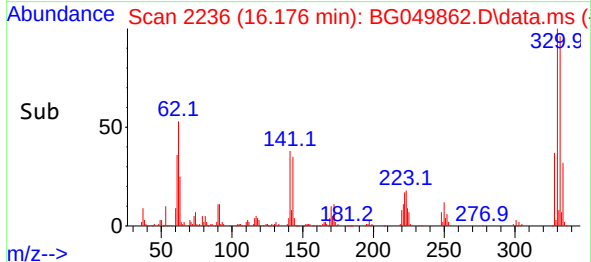
Instrument :
BNA_G
ClientSampleId :
TP2-1-6FT



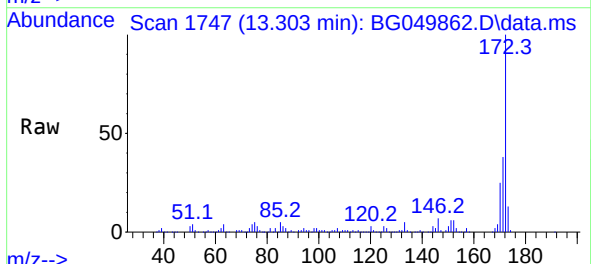
Tgt Ion:330 Resp: 174969
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 38.4 35.6 53.4

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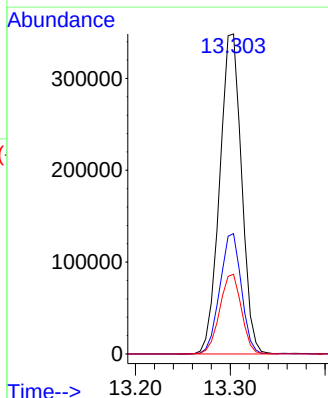
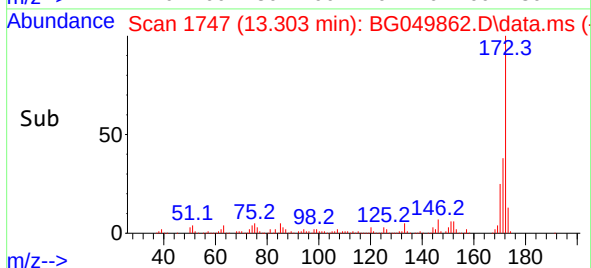
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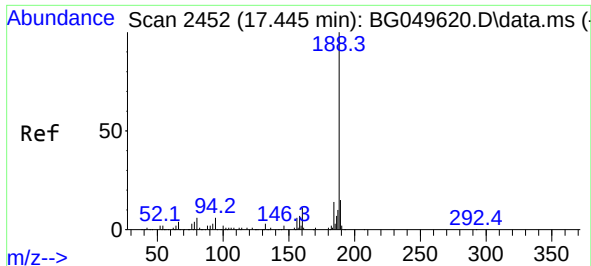


#45
2-Fluorobiphenyl
Concen: 88.073 ng
RT: 13.303 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BG049862.D
Acq: 16 Aug 2021 23:13



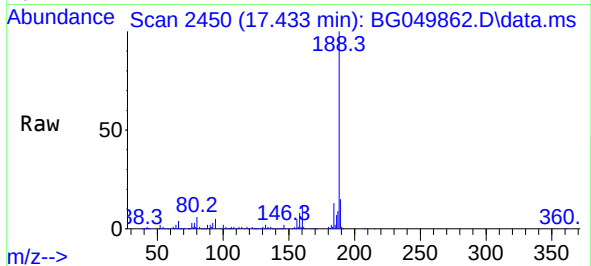
Tgt Ion:172 Resp: 560197
Ion Ratio Lower Upper
172 100
171 37.6 28.6 43.0
170 24.9 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.433 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BG049862.D
Acq: 16 Aug 2021 23:13

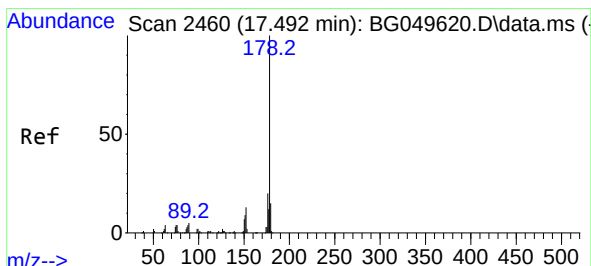
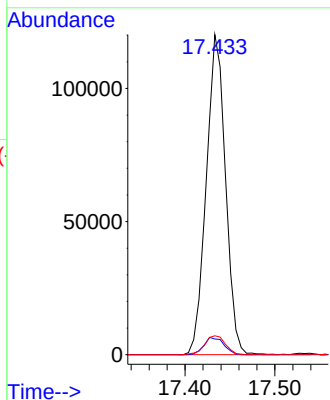
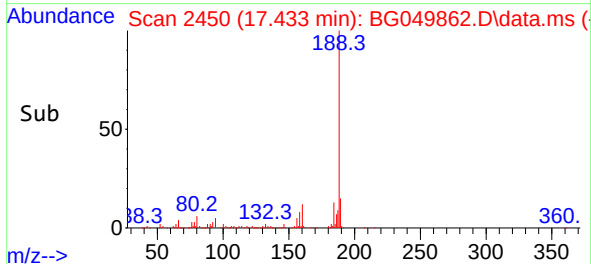
Instrument :
BNA_G
ClientSampleId :
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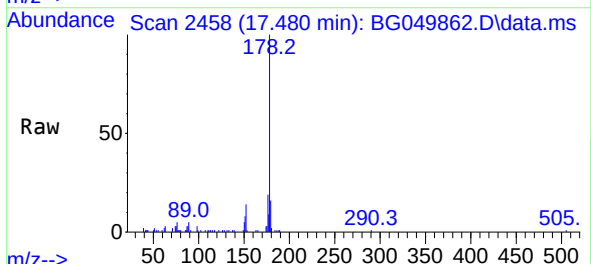
Tgt Ion:188 Resp: 178967
Ion Ratio Lower Upper
188 100
94 4.9 5.4 8.0#
80 5.9 3.7 5.5#

Manual Integrations
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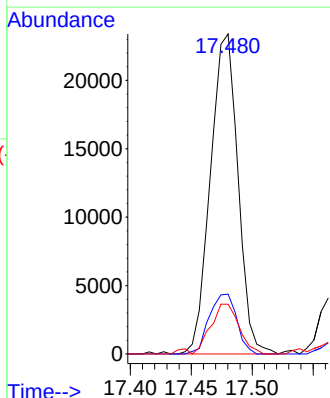
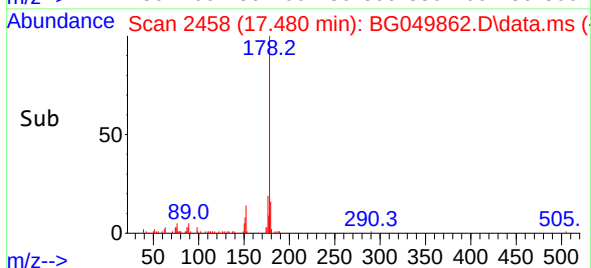
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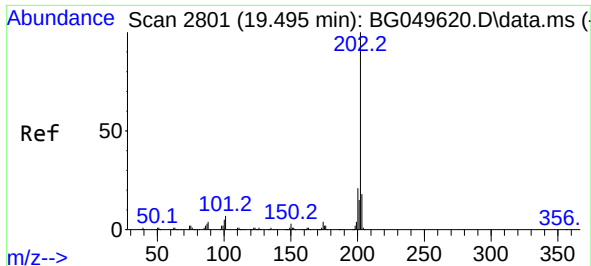


#71
Phenanthrene
Concen: 3.903 ng
RT: 17.480 min Scan# 2458
Delta R.T. 0.000 min
Lab File: BG049862.D
Acq: 16 Aug 2021 23:13



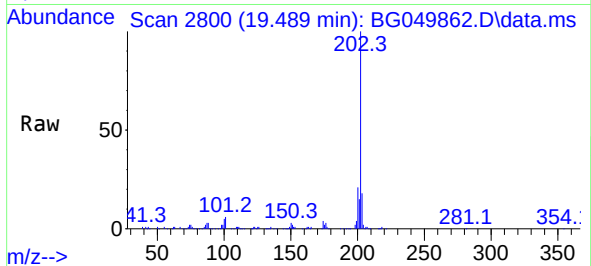
Tgt Ion:178 Resp: 36753
Ion Ratio Lower Upper
178 100
176 18.7 16.0 24.0
179 15.6 14.2 21.4





#75
Fluoranthene
Concen: 10.244 ng
RT: 19.489 min Scan# 2800
Delta R.T. 0.000 min
Lab File: BG049862.D
Acq: 16 Aug 2021 23:13

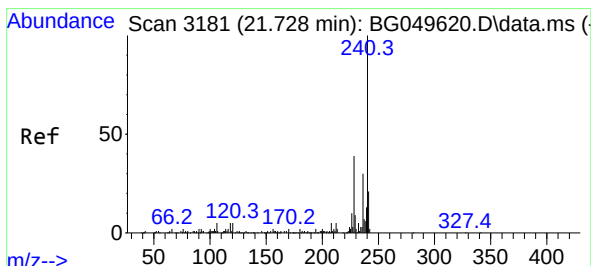
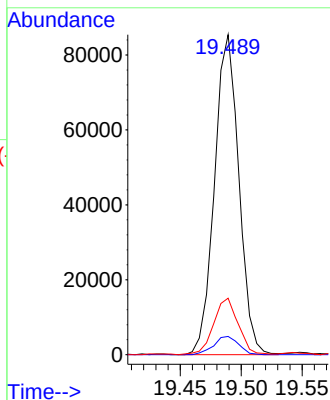
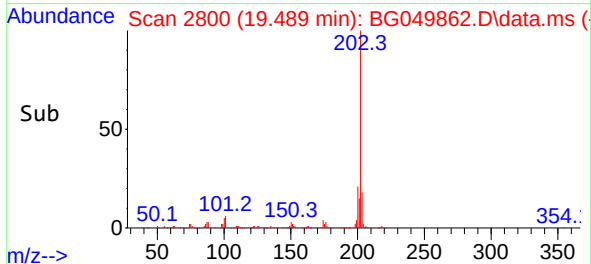
Instrument :
BNA_G
ClientSampleId :
TP2-1-6FT



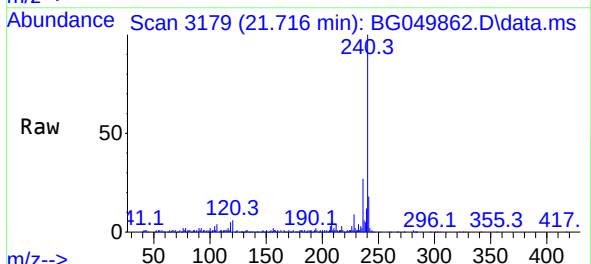
Tgt Ion:202 Resp: 118687
Ion Ratio Lower Upper
202 100
101 5.7 0.0 24.7
203 17.6 0.0 38.5

Manual Integrations
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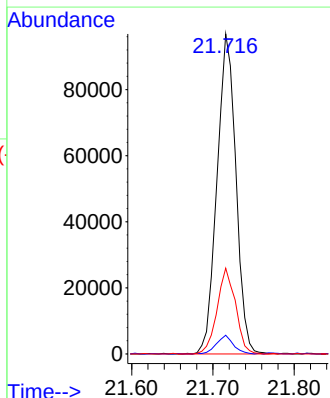
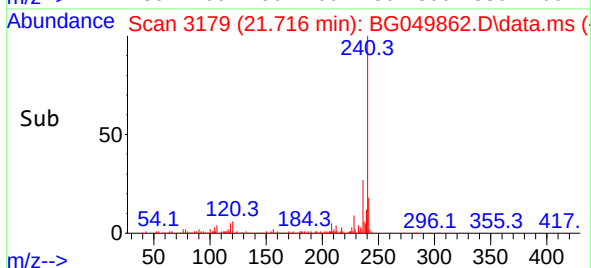
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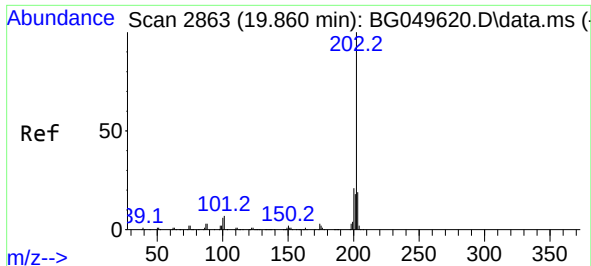


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.716 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BG049862.D
Acq: 16 Aug 2021 23:13



Tgt Ion:240 Resp: 157038
Ion Ratio Lower Upper
240 100
120 5.9 4.2 6.2
236 26.8 21.8 32.6





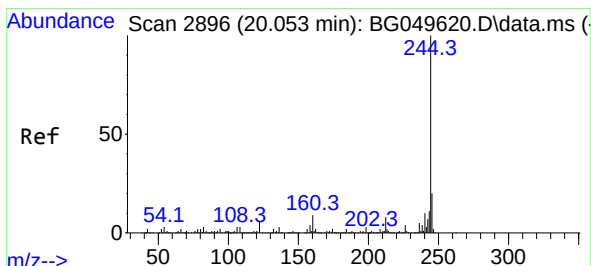
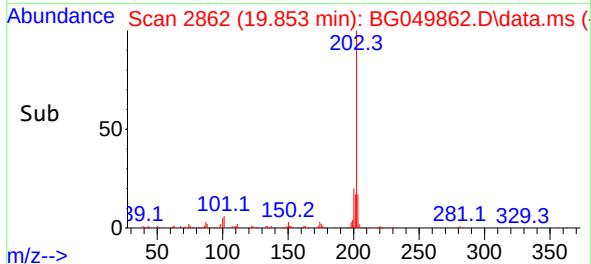
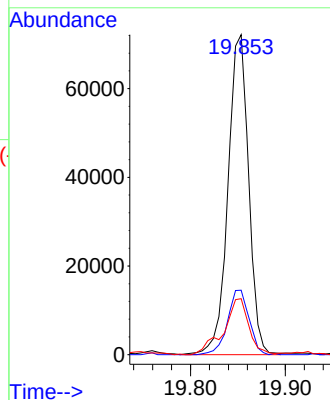
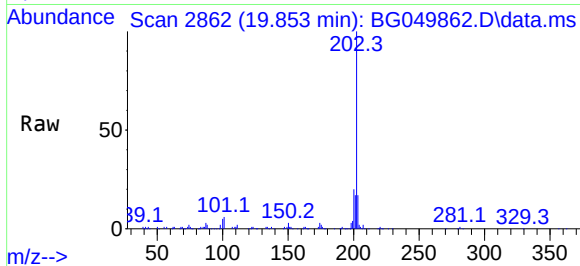
#78
Pyrene
Concen: 10.216 ng
RT: 19.853 min Scan# 2862
Delta R.T. 0.000 min
Lab File: BG049862.D
Acq: 16 Aug 2021 23:13

Tgt Ion:	202	Resp:	109374
Ion Ratio	Lower	Upper	
202	100		
200	20.1	15.8	23.8
203	17.5	14.6	21.8

Instrument :
BNA_G
ClientSampleId :
TP2-1-6FT

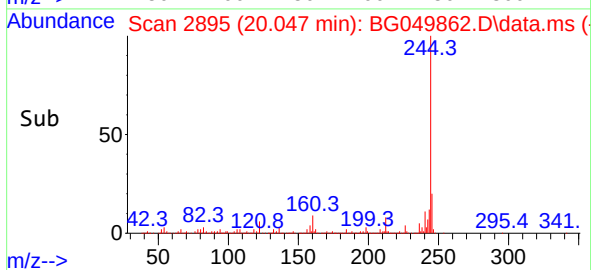
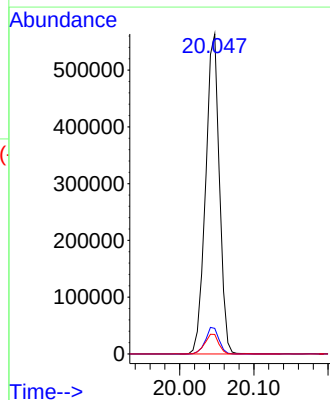
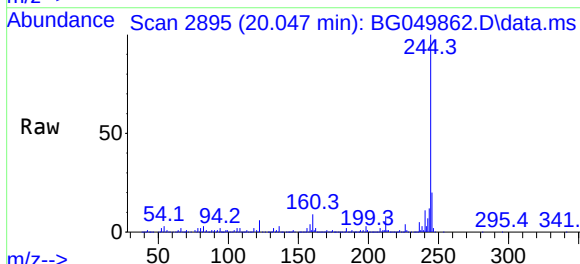
Manual Integrations
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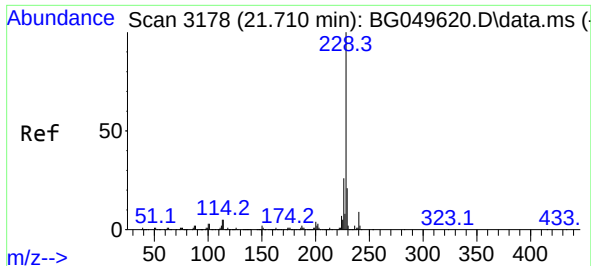
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#79
Terphenyl-d14
Concen: 84.033 ng
RT: 20.047 min Scan# 2895
Delta R.T. 0.000 min
Lab File: BG049862.D
Acq: 16 Aug 2021 23:13

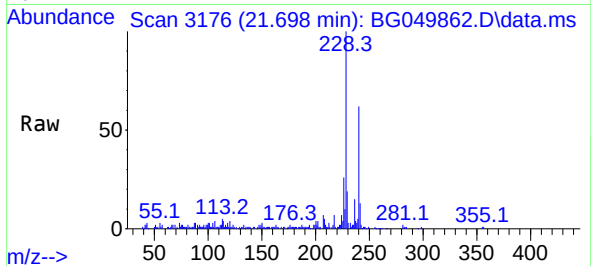
Tgt Ion:	244	Resp:	726591
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.9	10.3
122	6.1	5.0	7.6





#81
Benzo(a)anthracene
Concen: 5.871 ng
RT: 21.698 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BG049862.D
Acq: 16 Aug 2021 23:13

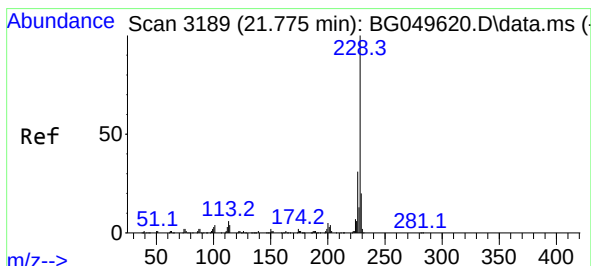
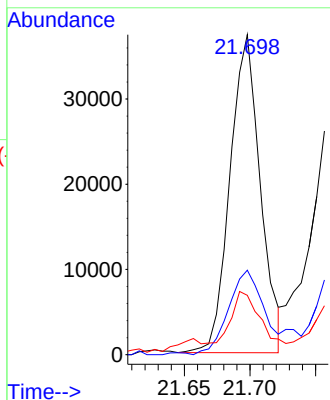
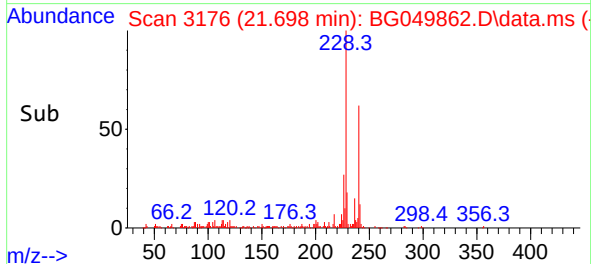
Instrument :
BNA_G
ClientSampleId :
TP2-1-6FT



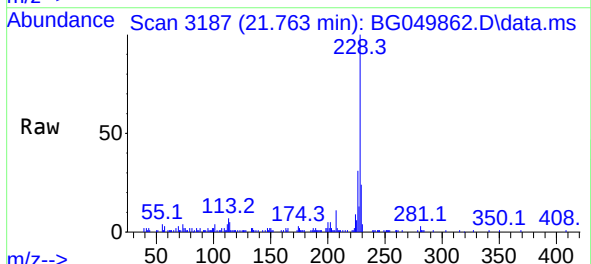
Tgt Ion:228 Resp: 60040
Ion Ratio Lower Upper
228 100
226 26.4 22.7 34.1
229 18.5 16.0 24.0

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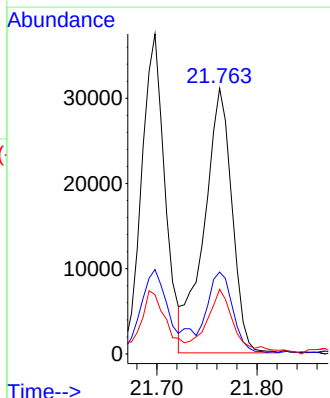
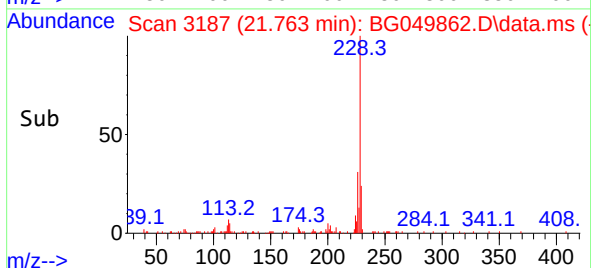
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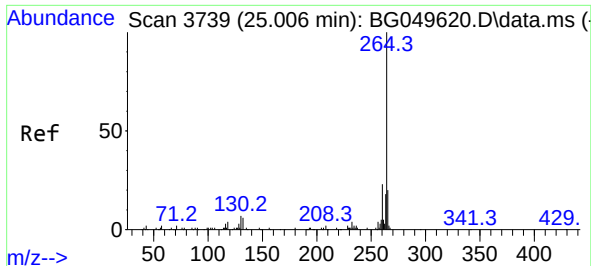


#83
Chrysene
Concen: 6.146 ng m
RT: 21.763 min Scan# 3187
Delta R.T. -0.006 min
Lab File: BG049862.D
Acq: 16 Aug 2021 23:13



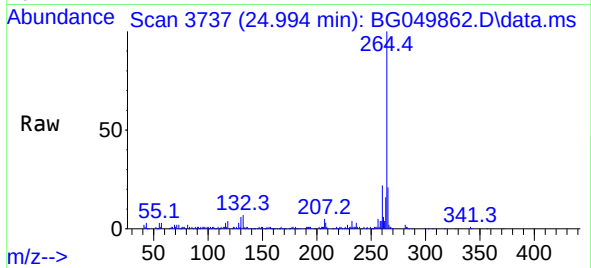
Tgt Ion:228 Resp: 60085
Ion Ratio Lower Upper
228 100
226 30.8 23.1 34.7
229 24.3 15.3 22.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.994 min Scan# 3737
Delta R.T. 0.006 min
Lab File: BG049862.D
Acq: 16 Aug 2021 23:13

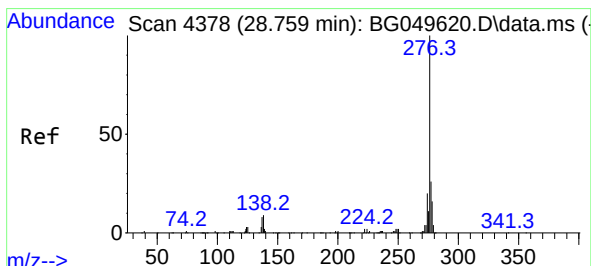
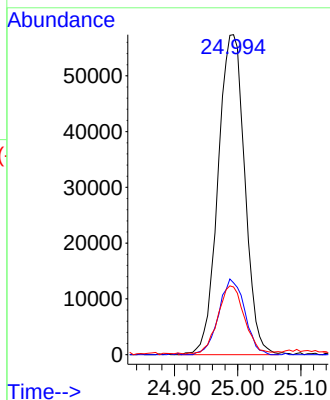
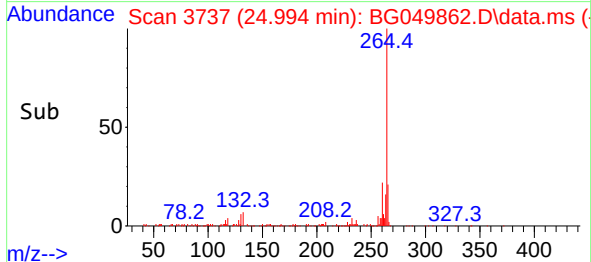
Instrument :
BNA_G
ClientSampled :
TP2-1-6FT



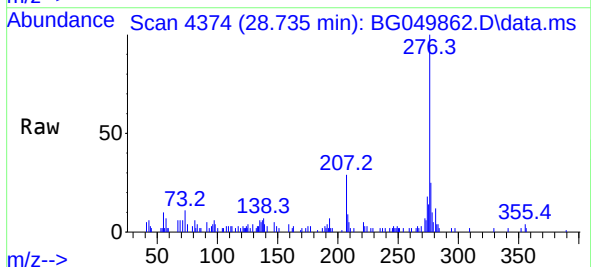
Tgt Ion:264 Resp: 168375
Ion Ratio Lower Upper
264 100
260 22.5 19.4 29.2
265 21.2 16.9 25.3

Manual Integrations
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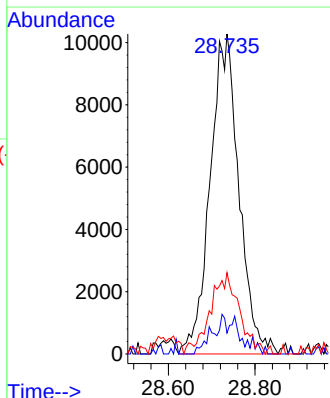
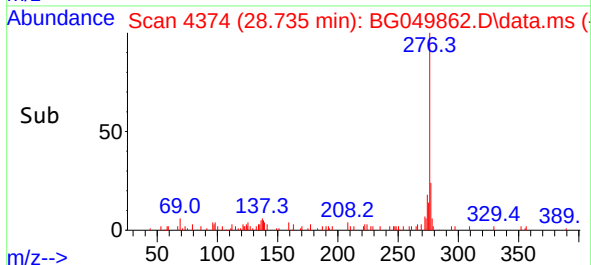
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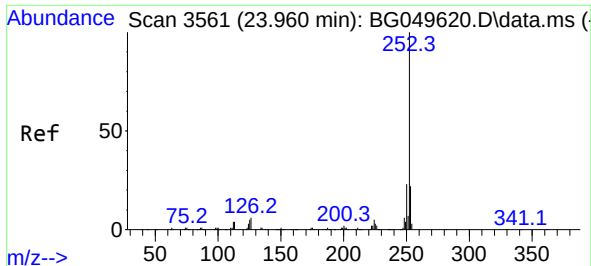


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.906 ng m
RT: 28.735 min Scan# 4374
Delta R.T. 0.000 min
Lab File: BG049862.D
Acq: 16 Aug 2021 23:13



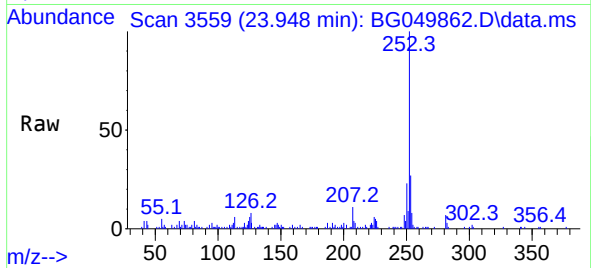
Tgt Ion:276 Resp: 47432
Ion Ratio Lower Upper
276 100
138 2.3 5.1 7.7#
277 24.8 19.8 29.6





#88
Benzo(b)fluoranthene
Concen: 7.848 ng
RT: 23.948 min Scan# 3559
Delta R.T. -0.006 min
Lab File: BG049862.D
Acq: 16 Aug 2021 23:13

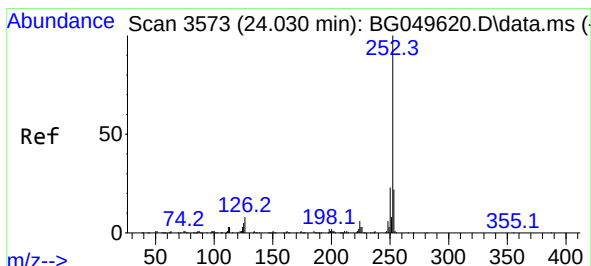
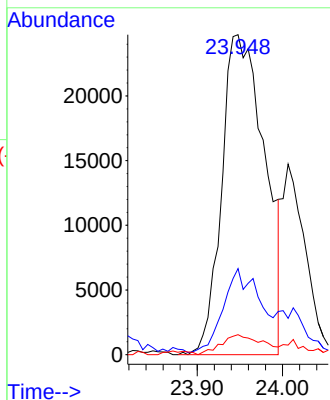
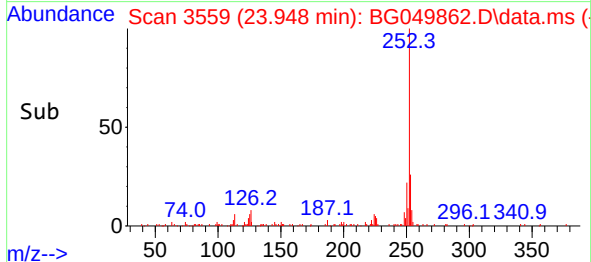
Instrument :
BNA_G
ClientSampled :
TP2-1-6FT



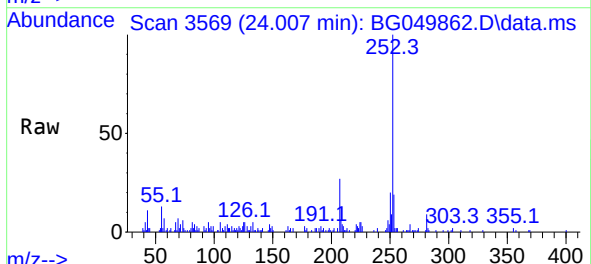
Tgt Ion:252 Resp: 86665
Ion Ratio Lower Upper
252 100
253 26.9 16.2 24.4#
125 6.3 3.0 4.4#

Manual Integrations
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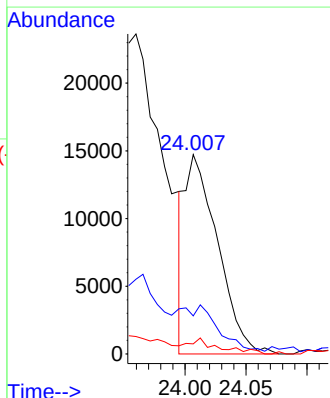
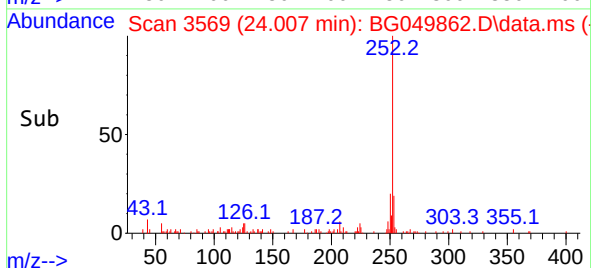
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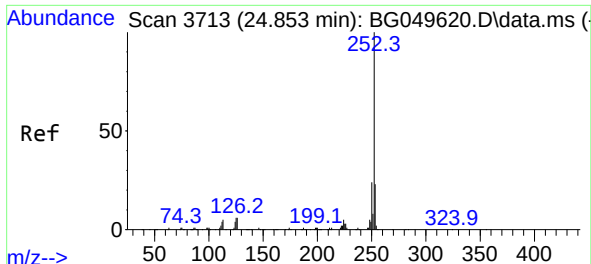


#89
Benzo(k)fluoranthene
Concen: 2.656 ng m
RT: 24.007 min Scan# 3569
Delta R.T. -0.011 min
Lab File: BG049862.D
Acq: 16 Aug 2021 23:13



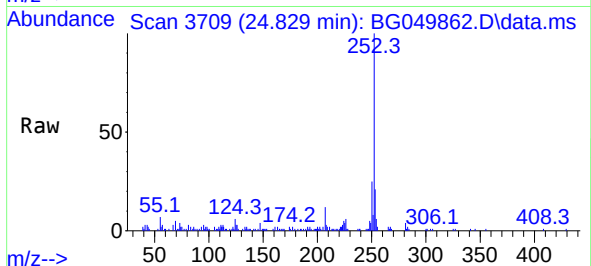
Tgt Ion:252 Resp: 27359
Ion Ratio Lower Upper
252 100
253 19.1 18.0 27.0
125 5.0 3.1 4.7#





#90
Benzo(a)pyrene
Concen: 5.950 ng
RT: 24.829 min Scan# 3709
Delta R.T. -0.011 min
Lab File: BG049862.D
Acq: 16 Aug 2021 23:13

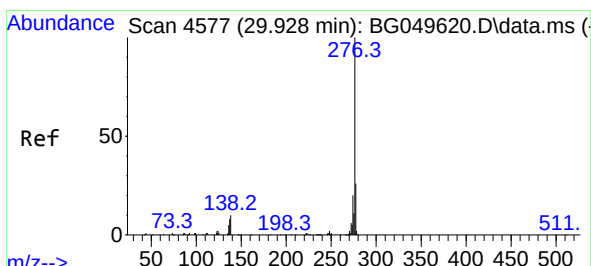
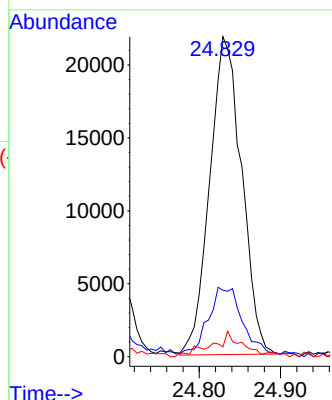
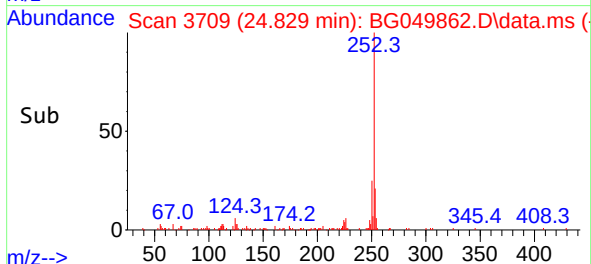
Instrument :
BNA_G
ClientSampleId :
TP2-1-6FT



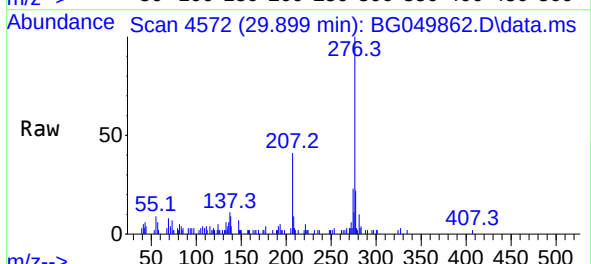
Tgt Ion:252 Resp: 59462
Ion Ratio Lower Upper
252 100
253 20.8 16.6 25.0
125 3.1 3.5 5.3#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.640 ng
RT: 29.899 min Scan# 4572
Delta R.T. -0.017 min
Lab File: BG049862.D
Acq: 16 Aug 2021 23:13



Tgt Ion:276 Resp: 46519
Ion Ratio Lower Upper
276 100
277 22.4 18.4 27.6
138 8.6 7.0 10.6

